

DOCUMENT-IDENTIFIER: US 5761517 A

TITLE: System and method for reducing power consumption in high frequency
clocked circuits

DEPR:

Further, if the power.sub.-- high signal remains active through another predetermined sampling period, the control state machine sends appropriate select signals to the pattern generator and a 0001 bit pattern is output such that 0100 is loaded into the shift register, thereby reducing the system clock frequency to 25% of the oscillator clock frequency, since the inverting registers cause a 0001 to be ANDed with the oscillator clock signal. If necessary, a level 0 state could be reached which would completely turn off the system clock. That is, a 0000 bit pattern would be output and a 0101 presented to the shift register by the pattern generator wherein a 0000 will be ANDed with the oscillator clock. Various state levels 0 through 4 present the opportunity by the present invention to generate a control signal to a power supply which in response may lower the power supply voltage.

CCOR:

713/322


☐ Drafts

☐ Pending

☒ Active

- ☒ L1: (1743) ("713/300-340").CCLS.
- ☒ L2: (759) (("713/400") or ("713/600")).CCLS.
- ☒ L3: (1341) (("327/113") or ("327/544")).CCLS.
- ☒ L4: (3807) 1 or 2 or 3
- ☒ L5: (1194951) frequency
- ☒ L6: (1399297) voltage
- ☒ L7: (242078) 5 same 6
- ☒ L8: (16016) state adj machine
- ☒ L9: (143) 8 same 7
- ☒ L10: (2) 9 and 4
- ☒ L11: (4146) application adj (load or demand)
- ☒ L12: (0) 11 same 9
- ☒ L14: (0) 13 and 4
- ☒ L13: (70) 11 same 7

☒ Failed

DBs: USPAT, US-PGPUB, EPD, JPD, DERWENT

☐ Plurals ☐ Synonym

Default operator: DR

☒ Highlight all hit terms initial

11 same 7

☒ BRS form ☒ ISAR form ☒ Image ☒ Text

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6188585 B1	20010213	13	DC power supply apparatus	363/17	363/41
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6152699 A	20001128		Cooling apparatus for electrical equipment	417/12	; 363/98 417/326
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6133701 A	20001017		Driving circuit for oscillatory actuator	318/114	; 417/423.1 318/129
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6091049 A	20000718		Power supply apparatus for use with arc utilizing	219/130.21	; 318/130 219/130.32
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5982812 A	19991109		Method and apparatus for monitoring frequency	375/215	331/1R
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5959853 A	19990928		Closed-loop switched capacitor network power	363/59	; 455/192.1
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5929610 A	19990727		Method and apparatus for	322/37	318/153

☒ Hits ☒ Details



- ☐ Drafts
- ☐ Pending
- ☒ Active
 - ☒ L1: (1743) ("713/300-340").CCLS.
 - ☒ L2: (759) (("713/400") or ("713/600")).CCLS.
 - ☒ L3: (1341) (("327/113") or ("327/544")).CCLS.
 - ☒ L4: (3807) 1 or 2 or 3
 - ☒ L5: (1194951) frequency
 - ☒ L6: (1399297) voltage
 - ☒ L7: (242078) 5 same 6
 - ☒ L8: (16016) state adj machine
 - ☒ L9: (143) 8 same 7
 - ☒ L10: (2) 9 and 4
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☐ Tagged
- ☐ JNC

 DBs: USPAT, US-PGPUB, EPO, JPO, DERWENT ☐ Plurals ☐ SynonymDefault operator: OR ☒ Highlight all hit terms initial

9 and 4

☒ BRS form ☒ ISAR form ☒ Image ☒ Text

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5812860 A	19980922	8	Method and apparatus providing multiple voltages	713/322	327/113 ; 331/143
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5761517 A	19980602	12	System and method for reducing power consumption	713/322	713/501

☒ Hits ☒ Details